

In the claims:

Please amend the claims as follows:

1-11(Previously Cancelled).

12(Currently Amended). In a A spray paint gun comprising a gun body having a male thread, and

an air nozzle ring having female thread, the female thread being adapted to be screwed onto the male thread, the improvement comprising:

wherein the male and female threads are trapezoid threads having a flank angle of approximately ~~in the range of~~ 30° \pm ~~about 20%~~, wherein the male and female threads have thread diameters between about 30 and about 40 mm, and wherein the male and female thread are characterized by:

thread heights of approximately ~~within the range of~~ 1.1 mm \pm ~~about 20%~~,

root to crest clearance of approximately ~~within the range~~ of 0.1 mm \pm ~~about 20%~~, and

flank clearance of approximately ~~within the range~~ of 0.15 mm \pm ~~about 20%~~.

13(Currently Amended). A spray gun according to claim 12, wherein the male and female threads are further characterized by a pitch of approximately ~~in the range of~~ 2.5 mm \pm ~~about 20%~~.

14 (Currently Amended). A spray gun according to claim 12 or 13, wherein the core diameter and the outer diameter of the male thread of the gun body have a tolerance of approximately in the range of -0.05mm +/- about 20%, respectively.

15 (Currently Amended). A spray gun according to claim 12 or 13, wherein the core diameter and the outer diameter of the male thread of the gun body have a tolerance of approximately in the range of -0.05mm +/- about 20%, respectively.

16 (Currently Amended). A spray gun according to claim 12 or 13, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance of approximately in the range of +0.1 mm +/- about 20%, respectively.

17 (Currently Amended). A spray gun according to claim 12 or 13, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance of approximately in the range of +0.1 mm +/- about 20%, respectively.

18 (Currently Amended). A spray gun according to claim 14, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance of approximately in the range of +0.1 mm +/- about 20%, respectively.

19 (Currently Amended). A spray gun according to claim 15, wherein the core diameter and the outer diameter of the female thread of the air nozzle ring have a tolerance of approximately in the range of +0.1 mm ~~+/- about 20%~~, respectively.

20 (Currently Amended). A spray gun according to claim 13, wherein the pitch has a tolerance of approximately in the range of 0.01 mm ~~+/- about 20%~~.

21 (Previously Added). A spray gun according to claim 12, wherein the male thread has a nominal diameter of about 38 mm.

22 (Currently Amended). A spray gun according to claim 13, wherein the male thread has a nominal diameter of about 38 mm.